EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"1167569"	EPO	OR	OFF	2007/09/19 09:38
L7	11	(W adj CO".sub.6")	US-PGPUB; USPAT	OR	OFF	2007/09/19 09:53
L19	10	"(Me.sub.2N)" with Ta	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L20	7	"(Et.sub.2N)" with Ta	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:03
L23	2	"tBuN)" with Ta	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:04
L24	1667	"TaCl.sub.5"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:04
L25	861	"TaF.sub.5"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:05
L26	13630	"TiCl.sub.4"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:05
L27	1340	"HfCl.sub.4"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:05
L29	4	"(Et.sub.2N)" with Hf	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L30	1266	"XeF.sub.2"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L31	16753	7 19 20 23 24 25 26 27 29 30	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L35	1772	(size with evaporator)	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:11
L37	8175	(evaporati$2 adj2 temperature)	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:12
L41	629	((atomic adj layer adj (deposition or epitaxy)) or ALD or ALE) and (pulse with (seconds or hz))	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:41
L42	234	31 and 41	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:31
L43	3	(35 37) and 42	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:25
L46	786	valve with (seconds or hz or milliseconds or msec or ms) and (TEOS or Tetraethylorthosilicate)	US-PGPUB; USPAT	OR	ON	2007/09/19 11:10
L47	3	41 and 46	US-PGPUB; USPAT	OR	ON	2007/09/19 11:06
L50	99	valve with (seconds or hz or milliseconds or msec or ms) and (TEOS or Tetraethylorthosilicate)	US-PGPUB; USPAT	OR	OFF	2007/09/19 12:16

L51	5	valve with (response or act or action) with (seconds or hz or milliseconds or msec or ms) and (TEOS or Tetraethylorthosilicate)	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:29
L53	5	("5372754" | "5966499" | "6039809" | "6090176").PN. OR ("6174371").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 14:24
L54	18	("0568928" | "3129268" | "4007601" | "4035451" | "4036915" | "4068625" | "4146597" | "4155961" | "5322710" | "5372754").PN. OR ("5849089"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 16:35
L58	106	((fast or quick)adj3 valve) with (seconds or hz or milliseconds or msec or ms)	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:39
L60	1	((atomic adj layer adj (deposition or epitaxy)) or ALD or ALE) and 58	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:31
L61	7	58 and semiconductor	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:56
L64	367	((valve or valves) adj5 (response or action or act)) with (seconds or hz or milliseconds or msec or ms)	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:40
L65	23	((atomic adj layer adj (deposition or epitaxy)) or ALD or ALE) and 64	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:41
L66	18	64 and semiconductor adj (manufactur$3 or production or processing or fabrication)	US-PGPUB; USPAT	OR	OFF	2007/09/19 18:07
L68	1441	(118/726).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/19 18:49
S1	8	10/700328	US-PGPUB; USPAT	OR	OFF	2007/09/15 09:46

| S2 | 152 | ("20010000866"\|"20010009140"\|"20010011526"\|"20010013312"\|"20010014371"\|"20010042523"\|"20010042799"\|"20010054377"\|"20020000196"\|"20020009544"\|"20020041931"\|"20020052097"\|"20020066411"\|"20020073924"\|"20020076481"\|"20020076507"\|"20020076508"\|"20020086106"\|"20020092471"\|"20020094689"\|"20020104481"\|"20020108570"\|"20020121241"\|"20020121342"\|"20020127745"\|"20020134307"\|"20020144655"\|"20020148511"\|"20030004723"\|"20030010451"\|"20030023338"\|"20030042630"\|"20030053799"\|"20030057527"\|"20030072913"\|"20030075273"\|"20030075925"\|"20030079686"\|"20030089308"\|"20030101927"\|"20030106490"\|"20030113187"\|"20030116087"\|"20030121241"\|"20030121469"\|"20030121608"\|"20030140854"\|"20030143328"\|"20030143747"\|"20030144657"\|"20030153177"\|"20030172872"\|"20030194493"\|"20030198754"\|"20030213560"\|"20030216981"\|"20030221780"\|"20030224107"\|"20040011404"\|"20040011504"\|"20040013577"\|"20040014320"\|"20040015300"\|"20040016404"\|"20040025370"\|"20040065255"\|"20040069227"\|"20040071897"\|"20040144308"\|"20040144311"\|"20050006799"\|"4058430"\|"4276243"\|"4369031"\|"4389973"\|"4413022"\|"4717596"\|"4783343"\|"4834831"\|"4911101"\|"4975353"\|"4993357"\|"5098741"\|"5225366"\|"5261959"\|"5281274"\|"5294286"\|"5338362"\|"5354516"\|"5374570"\|"5441703"\|"5443647"\|"5480818"\|"5483919"\|"5496408"\|"5503875"\|"5595603"\|"5620524"\|"5630878"\|"5645642"\|"5674786"\|"5711811"\|"5730802"\|"5764849"\|"5796116"\|"5807792"\|"5820678"\|"5835677"\|"5855680"\|"5879459"\|"5916365"\|"5942089"\|"5966499"\|"5968588"\|"6015590"\|"6042652"\|"6136725"\|"6139640"\|"6139700"\|"6143080"\|"6162488"\|"6174377"\|"6183563"\|"6197663"\|"6200893"\|"6224681"\|"6231672"\|"6270572"\|"6305314"\|"6320201"\|"6447607"\|"6478872"\|"6481945"\|"6511539"\|"6551406"\|"6572705"\|"6578287"\|"6579372"\|"6630030"\|"6660126"\|"6716287"\|"6718126"\|"6734020"\|"6772072"\|"6773507"\|"6777352"\|"6778762"\|"6818094"\|"6821563"\|"6866746"\|"6868859"\|"6930216").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/15 10:00 |

S3	1	("6772072").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/15 10:00

| S4 | 135 | ("20010000866" \| "20010002280" \| "20010009140" \| "20010009695" \| "20010011526" \| "20010013312" \| "20010014371" \| "20010024387" \| "20010025979" \| "20010028924" \| "20010034123" \| "20010041250" \| "20010042523" \| "20010042799" \| "20010054377" \| "20010054730" \| "20010054769" \| "20020000196" \| "20020000598" \| "20020007790" \| "20020009544" \| "20020020869" \| "20020021544" \| "20020031618" \| "20020041931" \| "20020048635" \| "20020052097" \| "20020066411" \| "20020068458" \| "20020073924" \| "20020076481" \| "20020076507" \| "20020076508" \| "20020076837" \| "20020082296" \| "20020086106" \| "20020092471" \| "20020094689" \| "20020098627" \| "20020104481" \| "20020106536" \| "20020108570" \| "20020134307" \| "20020144655" \| "20020144657" \| "20020146511" \| "20020155722" \| "20020162506" \| "20020164421" \| "20020164423" \| "20020177282" \| "20020182320" \| "20020187256" \| "20020197402" \| "20030004723" \| "20030013320" \| "20030031807" \| "20030042630" \| "20030049942" \| "20030072875" \| "20030072975" \| "20030075273" \| "20030075925" \| "4058430" \| "4389973" \| "4413022" \| "4834831" \| "4993357" \| "5225366" \| "5281274" \| "5294286" \| "5360738" \| "5374570" \| "5441703" \| "5443647" \| "5480818" \| "5483919" \| "5503875" \| "5674786" \| "5711811" \| "5796116" \| "5807792" \| "5835677" \| "5855680" \| "5866795" \| "5879459" \| "5916365" \| "5923056" \| "6015590" \| "6015917" \| "6042652" \| "6084302" \| "6124158" \| "6139700" \| "6144060" \| "6174377" \| "6174809" \| "6183563" \| "6197683" \| "6200893" \| "6203613" \| "6207487" \| "6231672" \| "6270572").PN. OR ("6284646" \| "6287965" \| "6305314" \| "6306216" \| "6342277" \| "6348376" \| "6358829" \| "6372598" \| "6379748" \| "6391785" \| "6399491" \| "6416577" \| "6416822" \| "6428859" \| "6447607" \| "6451119" \| "6451695" \| "6468924" \| "6475276" \| "6475910" \| "6478872" \| "6481945" \| "6482262" \| "6482649" \| "6482733" \| "6511539" \| "6551406") PN OR | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/09/15 10:07 |

S5	15114	ultrasonic adj transducer or mass adj flow adj meter	US-PGPUB; USPAT	OR	OFF	2007/09/15 15:18
S6	722	(first adj3 valve) and (second adj3 valve) and controller and (precursor or ((liquid or solid) adj2 source))	US-PGPUB; USPAT	OR	OFF	2007/09/15 16:07
S7	46	S6 and S5	US-PGPUB; USPAT	OR	OFF	2007/09/15 15:20
S8	4972	(pulse or intermittent) and controller and (precursor or ((liquid or solid) adj2 source))	US-PGPUB; USPAT	OR	OFF	2007/09/15 16:08
S9	275	S6 and S8	US-PGPUB; USPAT	OR	OFF	2007/09/15 16:08
S10	240	S9 not S7	US-PGPUB; USPAT	OR	OFF	2007/09/15 17:59
S11	634	((atomic adj layer adj (deposition or epitaxy)) or ALD or DLE) and (MFC or mass adj flow adj (control$3 or meter)) and (control or computer)	US-PGPUB; USPAT	OR	OFF	2007/09/19 09:40
S12	484	S11 and (carrier or transfer or inert) adj gas	US-PGPUB; USPAT	OR	OFF	2007/09/15 18:03
S13	260	S8 and S12	US-PGPUB; USPAT	OR	OFF	2007/09/15 18:24
S15	1	"6296711".pn.	US-PGPUB; USPAT	OR	OFF	2007/09/18 15:49
S17	149	((mass adj flow adj controller) or MFC) with (mass adj flow adj meter)	US-PGPUB; USPAT	OR	OFF	2007/09/18 16:27
S18	149	((mass adj flow adj controller) or MFC) with (mass adj flow adj meter)	US-PGPUB; USPAT	OR	OFF	2007/09/18 18:03
S19	8	S18 and vaporizer	US-PGPUB; USPAT	OR	OFF	2007/09/18 18:03
S20	9	("5372754" | "5711816" | "5837316" | "6157774" | "6210485" | "6273957" | "6470144" | "6511850" | "6596085").PN. OR ("7163197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 18:22
S21	51	("0921934" | "2763575" | "3121639" | "3954921" | "4276243" | "4916077").PN. OR ("5372754"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/19 09:37